CLAIM AMENDMENTS

The following listing of claims replaces all prior versions and listings of claims in this application.

1.   (Canceled)

2.   (Currently amended) A gateway comprising

a first port for coupling ~~coupled~~ to a first network;

a second port for coupling ~~coupled~~ to a second network;

a first module coupled to said first and second ports that processes packets received by and to be output from said first and second ports to identify ~~implemented within the gateway for identifying~~ at least one service provided by the ~~first~~ network that is not provided by the second network;

a second module coupled to said first and second ports and said first module that processes packets received by and to be output from said first and second ports to implement said ~~implemented within the gateway for implementing the~~ at least one service on behalf of the second network; and

a third module coupled to said first and second ports and said second module that processes packets received by and to be output from said first and second ports to determine ~~implemented within the gateway for determining~~ when the at least one service is implemented in the second network, ~~; and~~

wherein said second module ceases implementing said ~~processes implemented within the gateway for ceasing the implementation of the~~ at least one service in favor of allowing the second network to provide the at least one service after said third module determines that the at least one service is implemented in the second network.

3.   (Previously Presented) The gateway of claim 2, wherein at least one of the first and second networks comprises a Fibre Channel network.

4.   (Previously Presented) The gateway of claim 2, wherein at least one of the first and second networks comprises an Internet Protocol network.

5.   (Previously Presented) The gateway of claim 2, wherein at least one of the first and second networks comprises a storage area network (SAN).

6.   (Canceled)

7.   (Canceled)

8.   (Canceled)

9.   (Currently amended) A gateway comprising

a first port <u>for coupling</u> <s>coupled</s> to a first network;

a second port <u>for coupling</u> <s>coupled</s> to a second network;

<u>a first module coupled to said first and second ports that</u> processes <u>packets received by and to be output from said first and second ports to identify</u> <s>implemented within the gateway for identifying</s> at least one service provided by the first network that is not provided by the second network; and

<u>a second module coupled to said first and second ports and said first module that</u> processes <u>packets received by and to be output from said first and second ports to implement said</u> <s>implemented within the gateway for implementing the</s> at least one service on behalf of the second network;

wherein the at least one service <u>comprises</u> <s>provided by the first network is security service and the processes implemented within the gateway comprise</s> a security service implemented on behalf of the second network.

10.   (Canceled)

11.   (Previously Presented) A method for configuring a heterogeneous network across a gateway comprising

coupling a first port to a first network;

coupling a second port to a second network;

identifying at least one service provided by the first network that is not provided by the second network;

implementing the at least one service in the gateway on behalf of the second network while the second network is unable to implement that service;

determining when the at least one service is implemented in the second network; and

ceasing the implementation of the at least one service in the gateway in favor of allowing the second network to provide the at least one service.

12.   (Previously Presented) The method of claim 11, wherein at least one of the first and second networks comprises a Fibre Channel network.

13.   (Previously Presented) The method of claim 11, wherein at least one of the first and second networks comprises an Internet Protocol network.

14.   (Previously Presented) The method of claim 11, wherein at least one of the first and second networks comprises a storage area network (SAN).

15.   (Canceled)

16.   (Canceled)

17.   (Canceled)

18.   (Previously Presented) A method for configuring a heterogeneous network across a gateway comprising

coupling a first port to a first network;

coupling a second port to a second network;

identifying at least one service provided by the first network that is not provided by the second network; and

implementing the at least one service in the gateway on behalf of the second network while the second network is unable to implement that service; wherein

the at least one service provided by the first network is security service; and

the act of implementing the at least one service in the gateway comprises implementing a security service on behalf of the second network.

19.   (Canceled)

20.   (Canceled)

21.   (Canceled)

22.   (Canceled)

23.   (Previously Presented) The gateway of claim 9, wherein at least one of the first and second networks comprises a Fibre Channel network.

24.   (Previously Presented) The gateway of claim 9, wherein at least one of the first and second networks comprises an Internet Protocol network.

25.   (Previously Presented) The gateway of claim 9, wherein at least one of the first and second networks comprises a storage area network (SAN).

26.   (Canceled)

27.   (Canceled)

28.   (Canceled)

29.   (Previously Presented) The method of claim 18, wherein at least one of the first and second networks comprises a Fibre Channel network.

30.   (Previously Presented) The method of claim 18, wherein at least one of the first and second networks comprises an Internet Protocol network.

31.   (Previously Presented) The method of claim 18, wherein at least one of the first and second networks comprises a storage area network (SAN).

32.   (New) The gateway of claim 2, wherein said at least one service comprises a discovery service.

33.   (New) The method of claim 11, wherein said at least one service comprises a discovery service.

34.   (New) A gateway comprising:

a first module that processes packets received by and to be output from first and second networks to identify at least one service provided by the first network that is not provided by the second network;

a second module coupled to said first module that processes packets received by and to be output from the first and second networks to implement said at least one service on behalf of the second network; and

a third module coupled to said second module that processes packets received by and to be output from the first and second networks to determine when the at least one service is implemented in the second network,

wherein said second module ceases implementing said at least one service in favor of allowing the second network to provide said at least one service after said third module determines that the at least one service is implemented in the second network.

35.   (New) A method comprising:

identifying at least one service provided by a first network that is not provided by a second network;

implementing said at least one service in the gateway on behalf of the second network while the second network is unable to implement said service;

determining when said at least one service is implemented in the second network; and

ceasing the implementation of said at least one service in the gateway in favor of allowing the second network to provide said at least one service.